

Listing of Claims

Please amend claims 7 and 20, and please add new claim 37 as follows. This listing of claims will replace all prior versions and listings of claims in the instant application.

1. (Original) A stent graft, comprising an endoluminal stent and a graft, wherein said stent graft releases an agent which induces the *in vivo* adhesion of the stent graft to vessel walls.

2. (Original) A stent graft, comprising an endoluminal stent and a graft, wherein said stent graft induces or accelerates an *in vivo* fibrotic reaction causing said stent graft to adhere to vessel walls.

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3. (Original) The stent graft according to claim 1 or 2 wherein said stent graft releases a vessel wall irritant.

4. (Original) The stent graft according to claim 3 wherein said vessel wall irritant is selected from the group consisting of talcum powder, metallic beryllium, and silica.

5. (Withdrawn) The stent graft according to claim 1 or 2 wherein said stent graft releases a component of extracellular matrix.

6. (Withdrawn) The stent graft according to claim 1 wherein said agent is fibronectin.

7. (Withdrawn) The stent graft according to claim 1 or 2 wherein said stent graft releases polylysine, ~~or~~, or ethylenevinylacetate.

8. (Withdrawn) The stent graft according to claim 1 or 2 wherein said stent graft releases an inflammatory cytokine selected from the group consisting of TGF β , PDGF, VEGF, bFGF, TNF α , NGF, GM-CSF, IGF-a, IL-1, IL-8, IL-6, and growth hormone.

9. (Original) The stent graft according to claim 1 wherein said agent is an adhesive.

10. (Withdrawn) The stent graft according to claim 9 wherein said adhesive is cyanoacrylate.

11. (Original) The stent graft according to claim 1 or 2 wherein said stent graft is bifurcated.

12. (Original) The stent graft according to claim 1 or 2 wherein said stent graft is a tube graft.

13. (Original) The stent graft according to claim 12 wherein said stent graft is cylindrical.

14. (Original) The stent graft according to claim 1 or 2 wherein said stent graft is self-expandable.

15. (Original) The stent graft according to claim 1 or 2 wherein said stent graft is balloon-expandable.

16. (Original) The stent graft according to claim 1 or 2 wherein the distal ends of said stent graft are adapted to release an agent which induces adhesion.

17. (Original) The stent graft according to claim 1 or 2 wherein the entire body of said stent graft is adapted to release an agent that induces adhesion.

18. (Original) The stent graft according to claim 1 or 2, further comprising a coating which delays the onset of adhesion or fibrosis.

19. (Original) The stent graft according to claim 1 wherein said agent is first activated from a previously inactive agent to an active agent.

20. (Currently Amended) The stent graft according to claim 1 wherein said stent graft is activated from a previously inactive stent graft to a stent graft that induces or accelerates an *in vivo* fibrotic ~~reactions~~ reaction.

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Cont
21. - 29. (Cancelled)

30. (Original) A method of manufacturing an adhesive stent graft, comprising coating a stent graft with an agent which induces adhesion of the stent graft to vessel walls.

31. (Original) The method according to claim 30 wherein said stent graft is coated by spraying, dipping, or wrapping said stent graft with said agent.

32. (Previously Presented) The method according to claim 30 wherein said coating further comprises a polymer.

33. (Original) The method according to claim 30 wherein said agent is a vessel wall irritant.

34. (Withdrawn) The method according to claim 30 wherein said agent is an inflammatory cytokine.

35. (Withdrawn) The method according to claim 30 wherein said agent is an inflammatory crystal.

36. (Withdrawn) The method according to claim 30 wherein said agent is bFGF.

37. (New) The stent graft according to claim 18 wherein said coating comprises a polymer.
